

Converting Colors

Yxy(64.0430, 0.2944, 0.3227)

Have a look what the booklet for
Yxy(64.0430, 0.2944, 0.3227)
contains.

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Color

Yxy(63.9094, 0.2938, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C0D5DB
RGB	192, 213, 219
RGB Percent	75%, 84%, 86%
CMY	0.2469, 0.1647, 0.1411
CMYK	0.12, 0.03, 0.00, 0.14
HSL	193°, 27%, 81%
HSV	193°, 12%, 86%
XYZ	58.3305, 63.9094, 76.2982
YIQ	207.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

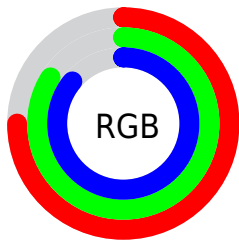
Format	Color
R _Y B	192, 204, 219
Decimal	12637659
CIE Lab	83.92, -5.78, -5.37
CIE LCh	84, 7.890, 222.886
Yxy	63.9094, 0.2938, 0.3219
Android (android.graphics.Color)	4290827739 (0xFFC0D5DB)
YUV	207.4050, 5.7163, -13.5102
Hunter-Lab	79.9434, -9.6588, -0.6262

Details

The Yxy color **63.9094, 0.2938, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3014, 0.3340, 0.3360**, and the grayscale version is **62.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **32.5373, 0.2889, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **58.8322, 0.2787, 0.3155**, and if you desaturate by 10%, it is **69.4920, 0.3091, 0.3277**.

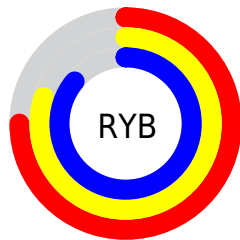
Distribution



Red (75%)

Green (84%)

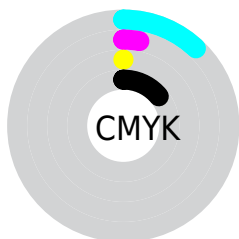
Blue (86%)



Red (75%)

Yellow (80%)

Blue (86%)

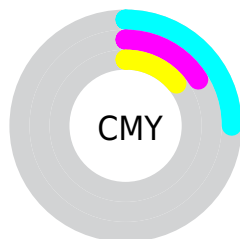


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (25%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9094, 0.2938, 0.3219 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 63.9094, 0.2938, 0.3219 by changing the saturation by 10% instead.

■ 63.9094, 0.2938,
0.3219

■ 63.9094, 0.2938,
0.3219

438.8624, 0.3027,
0.3253

■ 46.5773, 0.2917,
0.3211

■ 110.4804, 0.2969,
0.3231

■ 32.7016, 0.2891,
0.3200

140.4882, 0.2981,
0.3236

■ 21.8980, 0.2858,
0.3187

175.4899, 0.2992,
0.3240

■ 13.7819, 0.2814,
0.3169

215.8700, 0.3001,
0.3243

■ 7.9692, 0.2753,
0.3143

262.0130, 0.3009,
0.3246

■ 4.0752, 0.2663,
0.3104

314.3031, 0.3015,

■ 1.7157, 0.2515,

0.3249

0.3036

373.1247, 0.3022,
0.3251

0.4338, 0.1747,
0.2794

0.0000, 0.0000,
0.0000

63.9094, 0.2938,
0.3219

63.9094, 0.2938,
0.3219

58.8322, 0.2787,
0.3155

69.4920, 0.3091,
0.3277

54.2330, 0.2643,
0.3086

75.5903, 0.3245,
0.3330

50.0938, 0.2508,
0.3012

81.6972, 0.3377,
0.3377

46.3920, 0.2385,
0.2934

84.4287, 0.3370,
0.3426

■ 43.1030, 0.2277,
0.2854

■ 87.2373, 0.3363,
0.3474

■ 40.1992, 0.2188,
0.2771

■ 90.1236, 0.3356,
0.3521

■ 37.6490, 0.2118,
0.2688

■ 93.0882, 0.3350,
0.3568

■ 35.4146, 0.2068,
0.2606

■ 96.1317, 0.3343,
0.3615

■ 33.8644, 0.2040,
0.2543

■ 97.8960, 0.3339,
0.3641

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9094, 0.2979, 0.3308



63.9094, 0.2938, 0.3219



63.9094, 0.2947, 0.3151

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9094, 0.2938, 0.3219



63.9094, 0.3194, 0.3190



63.9094, 0.3251, 0.3462

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.9094, 0.2938, 0.3219



59.3014, 0.3340, 0.3360

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.9094, 0.3310, 0.3427



63.9094, 0.2938, 0.3219



63.9094, 0.3278, 0.3270

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9094, 0.2938, 0.3219



63.9094, 0.3094, 0.3136



63.9094, 0.3320, 0.3356



63.9094, 0.3158, 0.3450

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9094, 0.2938, 0.3219



63.9094, 0.2980, 0.3127



63.9094, 0.3320, 0.3356



63.9094, 0.3275, 0.3455

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.9121, 0.2938, 0.3219



96.6683, 0.3065, 0.3268



65.9634, 0.3074, 0.3541



20.5597, 0.3053, 0.3263



0.0000, 0.0000, 0.0000



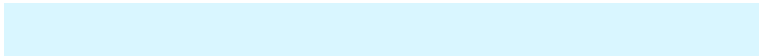
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.9121, 0.2938, 0.3219



88.1114, 0.2895, 0.3202



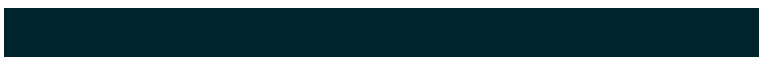
57.4958, 0.2934, 0.3061



14.3093, 0.2982, 0.3236



20.2444, 0.2043, 0.2555



1.4356, 0.2080, 0.2689

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.5892, 0.3187, 0.3054



77.4376, 0.3202, 0.2998



65.6525, 0.3321, 0.3509



13.2224, 0.3172, 0.3110



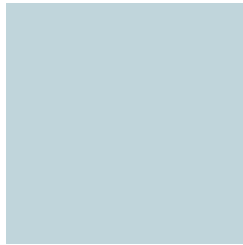
10.6674, 0.3868, 0.1904



0.7036, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 63.9094, 0.2938, 0.3219 looks on a white background.

Color Contrast Check

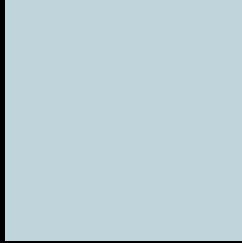
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 63.9094, 0.2938, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

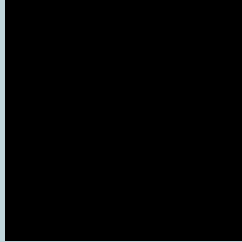
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

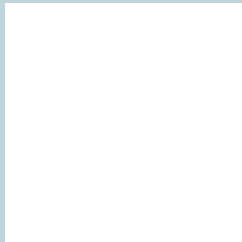
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9094, 0.2938, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 63.9094, 0.2938, 0.3219.



This preview shows how white text looks on a background with the Yxy color 63.9094, 0.2938, 0.3219.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.9094, 0.2938, 0.3219

Protanopia

63.9185, 0.3094, 0.3199

Deuteranopia

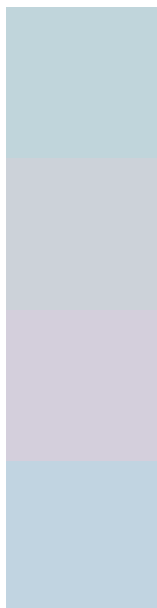
63.7796, 0.3159, 0.3093



Tritanopia

64.1577, 0.2894, 0.3106

Trichromacy



Original Color

63.9094, 0.2938, 0.3219

Protanomaly

63.9403, 0.3036, 0.3210

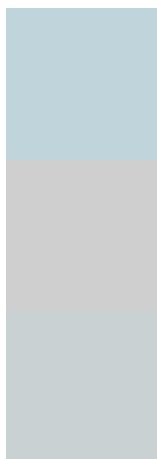
Deuteranomaly

63.7900, 0.3074, 0.3144

Tritanomaly

63.8607, 0.2906, 0.3139

Monochromacy



Original Color

63.9094, 0.2938, 0.3219

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8606, 0.3062, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9094, 0.2938, 0.3219 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(192, 213, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 213, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.9094, 0.2938, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 213, 219) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 213, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(192, 213,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9094, 0.2938, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 213, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
213, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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